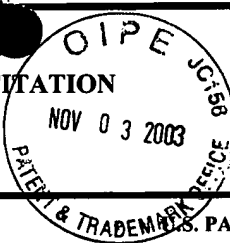| Form PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **LIST OF PRIOR ART CITED BY APPLICANT** (Use several sheets if necessary)	Atty. Docket No. 14427 (NECI1101)	Serial No. unassigned
	Applicant Penio S. Penev, et al.	
	Filing Date herewith	**Group**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SCC	SCC	Basri, R. et al., "Lambertian Reflectance and Linear Subspaces," *Int'l Conf. Comp. Vis.*, Vancouver, BC, to appear in July 2001
		Everson, R.M. et al., "Inferring the Eigenvalues of Covariance Matrices From Limited, Noisy Data," *IEEE Trans. Sig. Proc.*, no. 48, vol. 7, pps. 2083-2091, 2000
		Georghiades, A.S. et al., "From Few to Many: Generative Models for Recognition Under Variable Pose and Illumination," *Proc. 4th Int'l Conf. Automatic Face & Gesture Recognition*, pps. 264-270, March 2000
		Hallinan, P., "A Low-Dimensional Representation of Human Faces for Arbitrary Lighting Conditions," *CVPR 94*, pps. 995-999, 1994
		Ishiyama, R. et al., "A New Face-Recognition System with Robustness Against Illumination Changes," *IARP Workshop Mach. Vis. Appl.*, pps. 127-131, November 2000
		Linde, Y. et al., " An Algorithm for Vector Quantizer Design," *IEEE Trans. Commun.*, no. 28, pps. 84-95, 1980
		Loeve, M. "Probability Theory," pps. 455-493
		Penev, P.S., "Local Feature Analysis: A Statistical Theory for Information Representation and Transmission," Ph.D. Thesis, The Rockefeller University, NY, NY, 1998
		Penev, P.S. et al., "The Global Dimensionality of Face Space," *Proc. 4th Int'l Conf. Automatic Face & Gesture Recognition*, pps. 264-270, 2000
		Rose, K., "Deterministic Annealing for Clustering, Compression, Classification, Regression, and Related Optimization Problems," *Proc. IEEE*, vol. 86, no. 11, pps. 2210-2239, 1998
		Sengupta, A.M. et al., "Distributions of Singular Values for Some Random Matrices," *Phys. Rev. E*, vol. 60, no. 3, pps. 3389-3392, 1999
		Silverstein, J.W., "Eigenvalues and Eigenvectors of Large-Dimensional Sample Covariance Matrices," *Contemporary Mathematics*, pps. 153-159, 1986
		Tipping, M.E. et al., "Mixtures of Probabilistic Principal Component Analysers," *Neural Comput.*, vol. 11, no. 2, pps 443-482, 1999

EXAMINER Sheila Chacan	DATE CONSIDERED 9/26/04

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Paper #8

			Docket Number (Optional)		Application Number	
INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*			14427		09/919,206	
			Applicant(s) Penio S. Penev, et al.			
			Filing Date July 31, 2003		Group Art Unit 2121	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SC		5,748,844	5/5/98	Joseph W. Marks	706	45	

RECEIVED

NOV 0 6 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER *Sheela Chawan*	DATE CONSIDERED *9/26/04*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.